KamLAND 4pi Calibration Workshop and Review May 15-17, 2005

AGENDA, version 6

Sunday, May 15, 2005 Bldg 50, Room 50A-5132		
8.45-9.00	Working breakfast: Plans for the workshop.	
9.00-10.00	Overview of the KamLAND 4pi system (Karsten)	
10.15-11.15	Tour of the 4pi system in Bldg 51 high bay: - deployment system (Karsten) - 4pi controls (Fred, Andrew)	
11.15-12.00	Overview of deployment procedure: (Karsten, Fred) - z-axis deployment - 4pi off-axis deployment	
12.00-1.00	Working lunch: Questions and answers from the tour. Discussion facilitated by handouts and laptop projection.	
1.00-1.15	Deployment monitoring with chimney cameras: (Jasmine) Design and plans.	
1.30-3.30	Expert demonstration of z-axis deployment in Bldg 51, followed by demonstration of 4pi deployment.	
3.30-4.00	Coffee break	
4.00-5.30	Expert demonstration of 4pi deployment in Bldg 51.	
Monday, May 16, 2005 Bldg 70, Room 70A-3377		
8.00-9.00	Materials certification and cleanliness discussion (Bruce, Herb, Karsten) Phone conference with Andreas, Greg, and Glenn - 4pi materials certification: status & plans - chimney cameras	
9.00-9.15	Summary of results from phone conference.	
9.15-10.00	Instrumentation and positioning accuracy of the system. (Lindley)	

10.00-10.30	Control systems and software. (Fred)
10.30-11.00	Discussion of failure and recovery modes. (Karsten, Fred)
11.00-12.30	Demonstration of 4pi system recovery.
12.30-1.30	Lunch
1.30-3.30	Training of z-axis operators with new deployment system in Bldg 51.
3.30-4.00	Coffee break
4.00-6.00	Training of z-axis operators with new deployment system in Bldg 51.
Tuesday, May 17, 2005 Bldg 70, Room 70A-3377	
9.00-9.30	Summary of experience from z-axis training on the previous day.
9.30-9.45	Discussion of calibration operator training and certification.
9.45-10.00	Glovebox modifications & IU testing: (Bruce, Fred) Lessons learned for on-site work
10.00-10.15	Fire safety of the 4pi deployment system. (Karsten)
10.15-11.30	Overview and discussion of on-site commissioning plan: (Karsten) a. scheduling b. manpower c. materials certification and system cleanliness
11.30-12.00	Calibration plans. (Herb, Karsten)
12.00-1.15	Lunch
1.15-5.00	Time for further discussion, system demonstration, or training.
5.00-6.00	Summary of workshop. List of action items.
6.30-???	Workshop dinner (location to be determined)

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PARTICIPANTS

UC Berkeley/LBNL Employees

Bruce Berger Patrick Decowski Andrew Franck Fred Gray Karsten Heeger Kam-Biu Luk Don Syversrud Herb Steiner Joe Wallig Lindley Winslow

Guests

Masayuki Koga (RCNS Tohoku University, Japan) Kengo Nakamura (RCNS Tohoku University, Japan) Yasuhiro Kishimoto (RCNS Tohoku University, Japan) Tim Classen (U Alabama) Jasmine Foster (Kansas University) Marc Rosen (U Hawaii)

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